

Epi Update for Friday, March 1, 2019
Center for Acute Disease Epidemiology (CADE)
Iowa Department of Public Health (IDPH)

Items for this week's Epi Update include:

- **BioFire GI Panel recalled for potential false positive Campy, Crypto results**
- **Bacterial infections in patients who had surgery in Mexico**
- **In the news: How measles hacks the body - and harms its victims for years**
- **In the news: Falls can kill you. Here's how to minimize the risk.**
- **In the news: Kifafa - The mystery of East Africa's 'nodding disease'**
- **Infographic: Evaluating patients for possible measles**
- **Meeting announcements and training opportunities**

BioFire GI Panel recalled for potential false positive Campy, Crypto results

As of February 26, BioFire has temporarily stopped shipments of the BioFire GI Panel (product codes: RFIT-ASY-0116 and RFIT-ASY-0104). BioFire Diagnostics, LLC has announced a recall and has stopped shipping the GI Panel due to false positive results for *Campylobacter* and *Cryptosporidium*. Only BioFire GI Panel kits with expiration dates from 10/23/2019 – 02/20/2020 are affected. BioFire does not yet have a definite date for resuming shipments.

BioFire recommends that GI Panel users immediately examine their inventory for product identified in this recall. These panels are still valid for testing purposes, with the exception that any positive results for *Campylobacter* and *Cryptosporidium* should be confirmed by another method prior to reporting the test results.

For questions or concerns about the recall, contact BioFire customer support at Support@biofiredx.com or at 800-735-6544 and selecting option 5 for product technical support.

As a reminder, whenever a lab identifies *Salmonella*, *Shigella*, *Vibrio*, or Shiga toxin-producing *E. coli*, please submit the isolate or stool specimen (in transport media, e.g. Cary-Blair) to SHL for culture confirmation and serotyping. Positive cultures are tested by PFGE and/or whole genome sequencing as part of PulseNet to assist IDPH and CDC in identifying foodborne outbreaks and epidemiological tracking. If you need assistance or technical support regarding stool cultures or ova and parasite testing, contact SHL microbiology at 319-335-4335.

Bacterial infections in patients who had surgery in Mexico

CDC and several state health departments are investigating an outbreak of highly resistant *Pseudomonas aeruginosa* infections in patients that had surgery at Grand View Hospital in Tijuana, Mexico. Mexican officials identified poor infection control practices at the hospital, including failure to follow recommended practices for assuring the quality of sterility of medical devices and instruments. These actions put patients at risk for infections.

CDC recommends that patients who had surgery at Grand View Hospital and are having signs of infection such as swelling, redness, pus, or fever seek medical care immediately. To assure proper treatment, patients should tell their health care provider about all medical care received outside the U.S.

CDC also recommends that patients who had surgery at Grand View Hospital on or after August 1, 2018 talk with their health care provider about testing for blood borne pathogens hepatitis B, hepatitis C, and HIV.

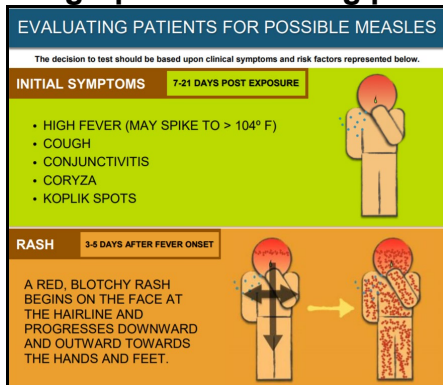
For more information, visit wwwnc.cdc.gov/travel/notices/alert/drug-resistant-infections-mexico.

In the news: How measles hacks the body—and harms its victims for years
www.wired.com/story/how-measles-hacks-the-body-and-harms-its-victims-for-years/

In the news: Falls can kill you. Here's how to minimize the risk.
www.nytimes.com/2019/02/25/well/live/falls-can-kill-you-heres-how-to-minimize-the-risk.html

In the news: Kifafa - The mystery of East Africa's 'nodding disease'
www.bbc.com/future/story/20190227-kifafa-the-mystery-of-east-africas-nodding-disease

Infographic: Evaluating patients for possible measles



To view in full size, visit idph.iowa.gov/Portals/1/userfiles/79/Documents/measles%20for%20clinicians.pdf.

Meeting announcements and training opportunities
None

Have a healthy and happy week!
Center for Acute Disease Epidemiology
Iowa Department of Public Health
800-362-2736